

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Alfred PERMUY et al.

Serial No.: 10/736,895

Group Art Unit: 2644

Filed: 17 December 2003

Examiner: Unknown

For: A METHOD AND APPARATUS FOR DETECTING AND LOCATING NOISE

SOURCES NOT CORRELATED

## **INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §§ 1.56, 1.97 and 1.98**

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

This information disclosure statement is made in accordance with 37 C.F.R.  $\S\S$  1.56, 1.97 and 1.98 as follows:

## **Timing and Fees**

$\boxtimes$		osure statement is filed:		
			three months of the filing date of a national application other than a CPA § 1.53(d);	
			three months of the actual filing date of the national phase of a PCT ation; OR	
		before RCE).	the mailing of a first substantive office action (including after filing of an	
	Under specif	37 C.F ied in 3	.R. § 1.97(c), this information disclosure statement is filed after the periods 7 C.F.R. § 1.97(b), but before the mailing date of:	
			a final rejection under 37 C.F.R. 1.113;	
			termination of prosecution, e.g. Ex Parte Quayle, M.P.E.P § 609(B)(2); OR	
			a notice of allowance under 37 C.F.R. § 1.311; and	

		is acco	mpanied by:
			the statement as specified in 37 C.F.R. § 1.97(e) set out below; OR
			a check covering the fee of \$180.00 under 37 C.F.R. § 1.17(p).
	Under date of	37 C.F. the fol	R. § 1.97(d), this information disclosure statement is filed after the mailing lowing actions which have not been withdrawn:
			a final action under 37 C.F.R. § 1.113;
			termination of prosecution, e.g. Ex Parte Quayle, M.P.E.P § 609(B)(2); OR
			a notice of allowance under 37 C.F.R. § 1.311;
	AND i	s filed (	on or before payment of the issue fee; AND is accompanied by:
			the statement as specified in 37 C.F.R. § 1.97(e) as set forth below, and the fee of \$180.00 under 37 C.F.R. § 1.17(p).
Staten	nents Ur	nder 37	C.F.R. 1.97(e)
			Each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application having a mailing date not more than three months prior to the filing date of this information disclosure statement; or
			No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and to the knowledge of the undersigned attorney after making reasonable inquiry, no item of information contained in this information disclosure statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing date of the information disclosure statement.
Cited	Materia	<u>ls</u>	
		ancest	s of materials listed but not attached were cited in benefit (35 U.S.C. § 120) or application Serial No, on Form 892 by the Examiner and/or Form by the applicant; see 37 C.F.R. § 1.98(d).
	$\boxtimes$		s of materials listed but not attached were cited in an international search dated 18 December 2003.

	Copies of the materials listed are attached (except for the foregoing).
Non-English	Language References
	An English-language search report or equivalent paper from a foreign patent office is provided indicating the relevance of the cited reference(s).
$\boxtimes$	A foreign-language search report from a foreign patent office is provided, and pertinent parts are translated substantively below:
	<ul> <li>X = document of particular relevance when it is taken alone</li> <li>Y = document of particular relevance when it is combined with another such document</li> <li>A = document defining the general state of the art</li> <li>O = non-written disclosure</li> <li>P = intercalated document</li> <li>T = document cited to understand the theory or principle underlying the invention</li> <li>E = patent document which has the benefit of a date earlier than the filing date and which was published only on or after this filing date</li> <li>D = cited in the application</li> <li>L = cited for another reason</li> <li>&amp; = publication of member of same patent family</li> <li>Translation of other relevant information on foreign search report</li> </ul>
	ligne - line; revendications - claims; colonne - column; exemples - examples document en entier - entire document
Other Inform	<u>nation</u>
	Fees Due (If Any):  eck for \$ covering the fee identified above is attached.
Plea	se charge to Deposit Account No. 13-3402 \$ for the fee identified above.

The Commissioner is hereby authorized to charge or credit any overpayment to Deposit Account #13-3402, two copies of this paper are attached for this purpose.

Respectfully submitted,

I. William Millen, Reg. No. 19,544

Attorney for Applicants

MILLEN, WHITE, ZELANO & BRANIGAN, P.C.
Arlington Courthouse Plaza 1
2200 Clarendon Blvd. Suite 1400
Arlington, Virginia 22201
Telephone: (703) 243-6333
Facsimile: (703) 243-6410

Attorney Docket No.: LOM-0035

Date: 30 June 2004

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Complete if Known Substitute for form 1449A/PTO Application Number 10/736,895 INFORMATION DISCLOSURE 17 December 2003 Filing Date Alfred PERMUY et al. STATEMENT BY APPLICANT First Named Inventor Group:Art Unit 2644 (use as many sheets as necessary) **Examiner Name** Unknown LOM-0035 of Attorney Docket Number Sheet

	U.S. PATENT DOCUMENTS							
Examiner Initials *	Cite No.1	U.S. Patent Document  Kind Code <sup>2</sup> Number ( <i>if known</i> )		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document  MM-DD-YYYY			
	1	6,288,973		George M. S. JOYNES	09-11-2001			
	2	5,144,839		Peter LOCHNER	09-08-1992			
		*						
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		Foreign Patent Document		N PATENT DOCUMENTS	Date of Publication of	Pages, Columns, Lines, Where Relevant		
Examiner Initials*	Cite No.1	Office <sup>3</sup>	Number⁴	Kind Code <sup>5</sup> (if known)	Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	T <sup>6</sup>
	3.	EP	0063517		Thomson CSF	10-27-1982		1
	4	DE	3607913		Fraunhofer Ges Forschung	08-13-1987		2
	5	EP	0714019		Gaz de France	05-29-1996		
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<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached. Number refers to English language corresponding family member.

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		NON PATENT LITERATURE DOCUMENTS	4.4
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
		JOLLLIFE I T, "Principal component analysis: A beginner's guide – I. Introduction and Application," Weather, October 1990, pages 375-382, vol. 45, no. 10, ISSN: 0043-1656; page 376, line 14-30; page 378, line 29-45; page 379, line 8-27; Royal Meteorological Society, Bracknell, GB.	
	7	VAN COMPERNOLLE D ET AL., "Speech recognition in noisy environments with the aid of microphone arrays," Speech Communications, pages 433-442, vol. 9, no. 5/6, XP000202896, ISSN: 0167-6393, paragraph '04.1! Elsevier Science Publishers, Amsterdam, NL.	
	8	SCHWARZE H, "Rechnergestutztes messsystem zur automatisierten rohrnetzuberwachung und lecksuche," Technisches Messen TM, R. Oldenbourg Verlag, Munchen, DE, 1988, pages 279-285, vol. 55, no. 7/8, XP000026937, ISSN: 0171-8096, paragraph '02.1!; figure 1.	
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